

Document #	Issue Date	Title	Current Status	Current Filing Date	Inventor
US 6202500	1200103-B	Reinforced lead screw with anti-backlash nut	74/89.4		Erikson, Keith [E]
US 6053065	1200004	Spindle drive	74/89.4	74/424	Melzer, Peter [R]
US 4517852	1198505	Carriage apparatus	74/89.3	384/13	Kawakami, Kouichi [F]
US 6423035	1200207	Infusion pump with a sealed drive mechanism and improved method of occlusion	d604/155	128/DI	Das, Kusal K. et al [F]
US 6422101	1200207	Reinforced lead screw with springless anti-backlash nut	74/89.4	74/424	Erikson, Keith [E]
US 6415673	1200207	Reinforced lead screw with anti-backlash nut	74/89.4	74/424	Erikson, Keith [E]
US 6145633	1200011	Actuating device for machine elements that are subject to wear play, especially	188/71	188/19	Niederstadt, Jof [E]
US 6032496	1200003	Door lock arrangement for motor vehicles	70/1.5	70/416	Weyerstall, Bernd [F]
US 5988075	1199911	Swiveling table device	108/20		Arai, Shigehiro [F]
US 5983480	1199911	Circular saw blade changing tool and method	29/426	269/23	Fontaine, Norbert [F]
US 5979816	1199911	Swivel release rope spool	242/400	114/21	Blankenship, Kyoko [F]
US 5979431	1199911	Portable stove	126/41R	126/30	Hamilton, Kenneth [F]
US 5933191	1199908	Image input apparatus having an adjustable support mechanism	348/373	348/37	Ariga, Kazuto [F]
US 5910754	1199906	Reduced height waveguide tuner for impedance matching	333/17	333/23	Simpson, Gary R. [F]
US 5893470	1199904	Universally replaceable display shelf for refrigerated food cases	211/90		Peggs, Johnny L. [F]
US 5878291	1199903	Variable illuminating angle mechanism for a flash unit	396/175	396/17	Hagiuda, Nobuyoshi [F]
US 5857383	1199901	Heavy duty roller nut assembly for power drive applications	74/424	74/441	Devenyi, Gabor [F]
US 5746407	1199805	Tripod	248/178	248/16	Nakatani, Koichi [F]
US 5743003	1199804	Apparatus for intermittent feed and automatic fixing of the self piercing nuts	29/798	29/818	Shinjo, Hiroshi [F]
US 5732597	1199803	Pre-loaded self-aligning roller nut assembly for standard micrometer spindle	a74/424	74/441	Devenyi, Gabor [F]
US 5730917	1199803	Method for molding the headrest of an automotive seat	264/46	264/27	Ishikawa, Yoshiaki [F]
US 5722103	1199803	Toe and side and heel lasting machine and method of lasting	12/7	12/10	Walega, William [F]
US 5720465	1199802	Multi-position reading stand	248/453	248/45	Feltz, Eric T. [F]
US 5697252	1199712	Preliminary thrusting mechanism for a screw device	74/441	74/424	Yamaguchi, Toshiaki [F]
US 5678269	1199710	Toe and side and heel lasting machine and method of lasting	12/7	12/10	Walega, William [F]
US 5676019	1199710	Nut assembly using partial nuts to limit harmonic error	74/424	74/441	Shenk, Edwin K. [F]
US 5505431	1199604	Forcible entry tool	254/93R		Vitale, Martin [F]
US 5479675	1199601	Hand trowel assembly	15/235	15/145	Pylewski, Walt [F]
US 5470333	1199511	System for stabilizing the cervical and the lumbar region of the spine	606/61	606/69	Ray, R. Charles [F]
US 5415065	1199505	Hand tool with torque sleeve for limiting installation torque	81/467	81/124	McMills, Corey [F]
US 5333513	1199408	Averaging half-nuts	74/424	74/441	Blanding, Douglas [F]
US 5333467	1199408	Apparatus and method of preventing fluid escape from a conduit	62/77	251/14	Pearl, II, David [F]
US 5319990	1199406	Cover system utilizing band	74/89.3	160/85	Veale, John R. [F]
US 5301933	1199404	Sample moving device	269/73	269/60	Inoue, Mitsuji [F]
US 5240547	1199308	Method of and apparatus for automatically wrapping cover material about steering column	156/475	156/21	Itagaki, Toshio [F]
US 5239297	1199308	Position-encoded screw and method and system for calibrating a position-encoder	341/13	341/11	Kley, Victor B. [F]
US 5228660	1199307	Power operated carpet stretching tool	254/201		Massicotte, Leo [F]
US 5226301	1199307	Arrangement for dispensing liquid detergents and/or rinse aids in a washing machine	608/17R	251/14	Rizzetto, Pietro [F]
US 5191575	1199303	Plate spring and nut interconnecting for use in an optical pick-up moving apparatus	369/223	403/33	Kido, Kunio [F]
US 5161916	1199211	Self-seating expansion anchor	405/259	405/25	White, Claude C. [F]
US 5152499	1199210	Flow device body and slide-wire connector nut	251/148	285/30	Silverman, Ira [F]
US 5105322	1199204	Transverse positioner for read/write head	360/261		Steitzer, Edward [F]
US 4992900	1199102	Head wheel arrangement having a rotating nuts with reduced backlash for a recorder	360/271	310/36	Schalk, Adelbert [F]
US 4953910	1199009	Openable roof control device of wheeled motor vehicle	296/223		Mackawa, Junichi [F]
US 4949585	1199008	Telescopic screw jack for the adjustment of an element such as a vehicle seat	74/89.3	254/10	Dauvegne, Jean [F]

L Number	Hits	Search Text	DB	Time stamp
13	1467	nut\$1 near5 (screw\$3 near2 feed\$3)	USPAT; EPO; JPO	2002/08/04 17:29
14	1654	(table\$1 or slide\$1 or carriage\$1 or transfer\$5) near4 (((connect\$4 or attach\$5 or secur\$4) near3 nut\$1))	USPAT; EPO; JPO	2002/08/04 17:19
15	20	nut\$1 near3 (overrun\$4 or overun\$4)	USPAT;	2002/08/04
17	0	(nut\$1 near3 (overrun\$4 or overun\$4)) and ((nut\$1 near5 (screw\$3 near2 feed\$3)) and ((table\$1 or slide\$1 or carriage\$1 or transfer\$5) near4 (((connect\$4 or attach\$5 or secur\$4) near3 nut\$1))))	EPO; JPO USPAT; EPO; JPO	17:27 2002/08/04 17:23
18	1	(nut\$1 near5 (screw\$3 near2 feed\$3)) and (nut\$1 near3 (overrun\$4 or overun\$4))	USPAT; EPO; JPO	2002/08/04 17:24
16	88	(nut\$1 near5 (screw\$3 near2 feed\$3)) and ((table\$1 or slide\$1 or carriage\$1 or transfer\$5) near4 (((connect\$4 or attach\$5 or secur\$4) near3 nut\$1)))	USPAT; EPO; JPO	2002/08/04 17:24
19	10964	nut\$1 near3 (slip\$4 or disconnect\$3 or spring\$1)	USPAT; EPO; JPO	2002/08/04 17:29
20	74019	nut\$1 near5 (screw\$3)	USPAT; EPO; JPO	2002/08/04 17:29
21	83	((table\$1 or slide\$1 or carriage\$1 or transfer\$5) near4 (((connect\$4 or attach\$5 or secur\$4) near3 nut\$1))) and (nut\$1 near3 (slip\$4 or disconnect\$3 or spring\$1))	USPAT; EPO; JPO	2002/08/04 17:30

Document #	Issue Date	Patent Title	Curr. Status	Current Inventor	Assignee	Type
US 6415673	19920711	Reinforced lead screw with anti-backlash nut	74/89.4	74/424	Erikson, Keith	US
US 5989075	19991111	Swiveling table device	108/20		Arai, Shigehiro	
US 5933191	19990811	Image input apparatus having an adjustable support mechanism	348/373	348/37	Ariga, Kazuto et al.	
US 5746407	19980511	Tripod	248/178	248/16	Nakatani, Koichi	
US 5479675	19960111	Hand trowel assembly	15/235	15/145	Ptylewski, Walt	
US 5333513	19940808	Averaging half-nuts	74/424	74/441	Blanding, Doug	US
US 5191575	19930311	Plate spring and nut interconnecting for use in an optical actuator	369/223	403/33	Kido, Kunio	
US 4932277	19900611	Actuator for rendering inoperative a latch for in particular a door	74/89.2	292/20	Beaux, Alain	
US 4850215	19890711	Stroke limiting means for friction clutch pressure piston	72/454	100/28	Landwehr, Hubert	
US 4846434	19890711	Counterbalanced arm assembly	248/284	248/12	Krogsgaard, Jens	
US 4755778	19880711	Microwave apparatus	333/159	333/15	Chapell, Harry	
US 4346445	19820827	Portable alphanumeric and symbol drafting device	358/1.3	33/18	Leuenberger, Jerry	US
US 4337538	19820613	Drive assembly for a video recorder-playback machine	369/223		Wilkinson, Richard	US
US 3925898	19751214	Ruler-beam	33/27.0	312/14	Melnik, George	US
US 3873189	19750311	Adjustable-position optical system	359/824	355/55	Whitaker, Raymond	US
US 3703835	19721115	MEANS FOR TAKING UP SLACK IN LEAD SCREW DEVICES	74/441	409/14	O'Connor, Charles	US
JP 0422878	19920807	REVERSIBLE SCREW-AND-NUT ACTUATING DEVICE AND SLIDING DOOR			MOREUIL, MARC	JP
US 6202500	20010308	Reinforced lead screw with anti-backlash nut	74/89.4		Erikson, Keith	US
US 4517852	19850514	Carriage apparatus	74/89.3	384/13	Kawakami, Kouichi	US

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13	1467	nut\$1 near5 (screw\$3 near2 feed\$3)	USPAT; EPO; JPO	2002/08/04 17:29
14	1654	(table\$1 or slide\$1 or carriage\$1 or transfer\$5) near4 (((connect\$4 or attach\$5 or secur\$4) near3 nut\$1))	USPAT; EPO; JPO	2002/08/04 17:19
15	20	nut\$1 near3 (overrun\$4 or overun\$4)	USPAT;	2002/08/04
17	0	(nut\$1 near3 (overrun\$4 or overun\$4)) and ((nut\$1 near5 (screw\$3 near2 feed\$3)) and ((table\$1 or slide\$1 or carriage\$1 or transfer\$5) near4 (((connect\$4 or attach\$5 or secur\$4) near3 nut\$1))))	EPO; JPO USPAT; EPO; JPO	17:27 2002/08/04 17:23
18	1	(nut\$1 near5 (screw\$3 near2 feed\$3)) and (nut\$1 near3 (overrun\$4 or overun\$4))	USPAT; EPO; JPO	2002/08/04 17:24
16	88	(nut\$1 near5 (screw\$3 near2 feed\$3)) and ((table\$1 or slide\$1 or carriage\$1 or transfer\$5) near4 (((connect\$4 or attach\$5 or secur\$4) near3 nut\$1)))	USPAT; EPO; JPO	2002/08/04 17:24
19	10964	nut\$1 near3 (slip\$4 or disconnect\$3 or spring\$1)	USPAT;	2002/08/04
20	74019	nut\$1 near5 (screw\$3)	EPO; JPO USPAT; EPO; JPO	17:43 2002/08/04 17:29
21	83	((table\$1 or slide\$1 or carriage\$1 or transfer\$5) near4 (((connect\$4 or attach\$5 or secur\$4) near3 nut\$1))) and (nut\$1 near3 (slip\$4 or disconnect\$3 or spring\$1))	USPAT; EPO; JPO	2002/08/04 17:42
22	4	"4517852"	USPAT;	2002/08/04
23	9365	nut\$1 near3 (spring\$1)	EPO; JPO USPAT;	17:42 2002/08/04
24	1251	(nut\$1 near5 (screw\$3)) with (nut\$1 near3 (spring\$1))	EPO; JPO USPAT;	17:44 2002/08/04
25	19	((table\$1 or slide\$1 or carriage\$1 or transfer\$5) near4 (((connect\$4 or attach\$5 or secur\$4) near3 nut\$1))) and ((nut\$1 near5 (screw\$3)) with (nut\$1 near3 (spring\$1)))	EPO; JPO USPAT; EPO; JPO	17:45 2002/08/04 17:45